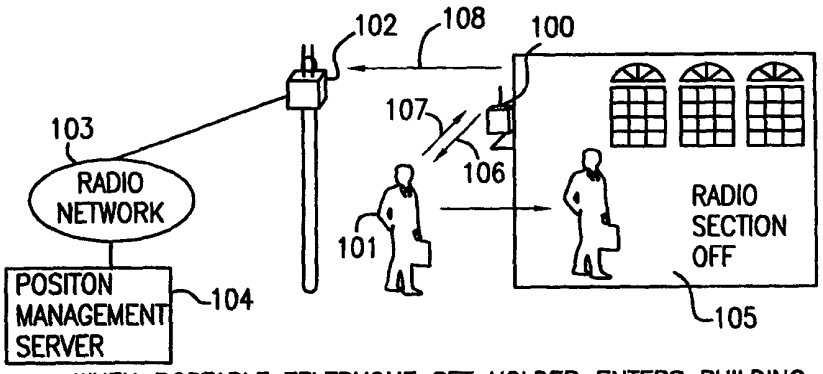
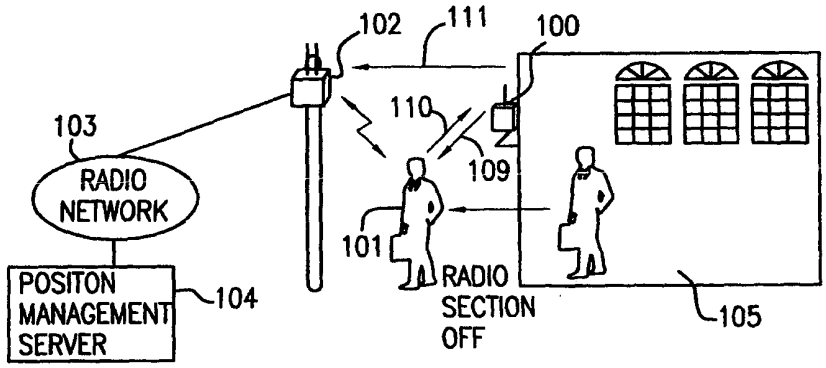


WHEN PORTABLE TELEPHONE SET HOLDER ENTERS BUILDING

FIG. 1A



WHEN PORTABLE TELEPHONE SET HOLDER GOES OUT OF BUILDING

FIG. 1B

FIG.2

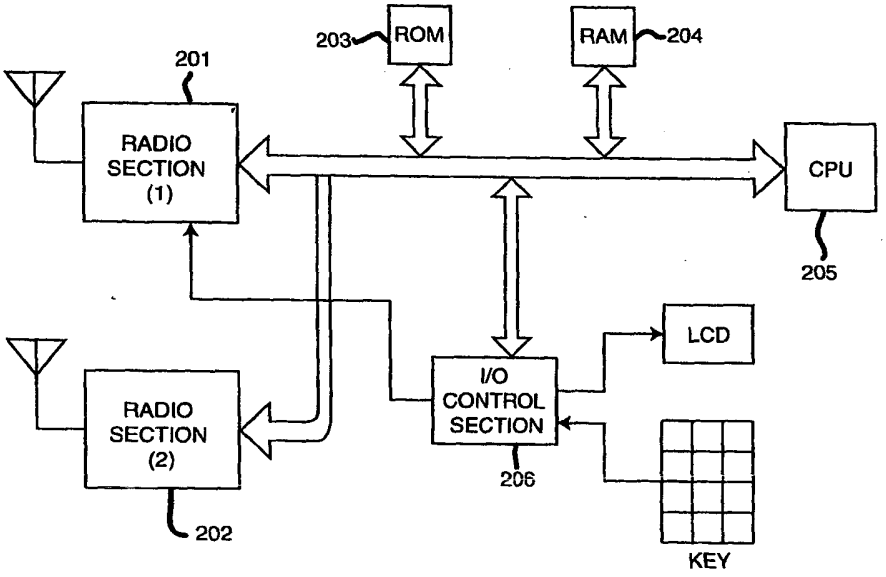

203
ROM
RAM
204
201
RADIO SECTION (1)
CPU
205
LCD
I/O CONTROL SECTION
206
RADIO SECTION (2)
202
KEY

FIG.3

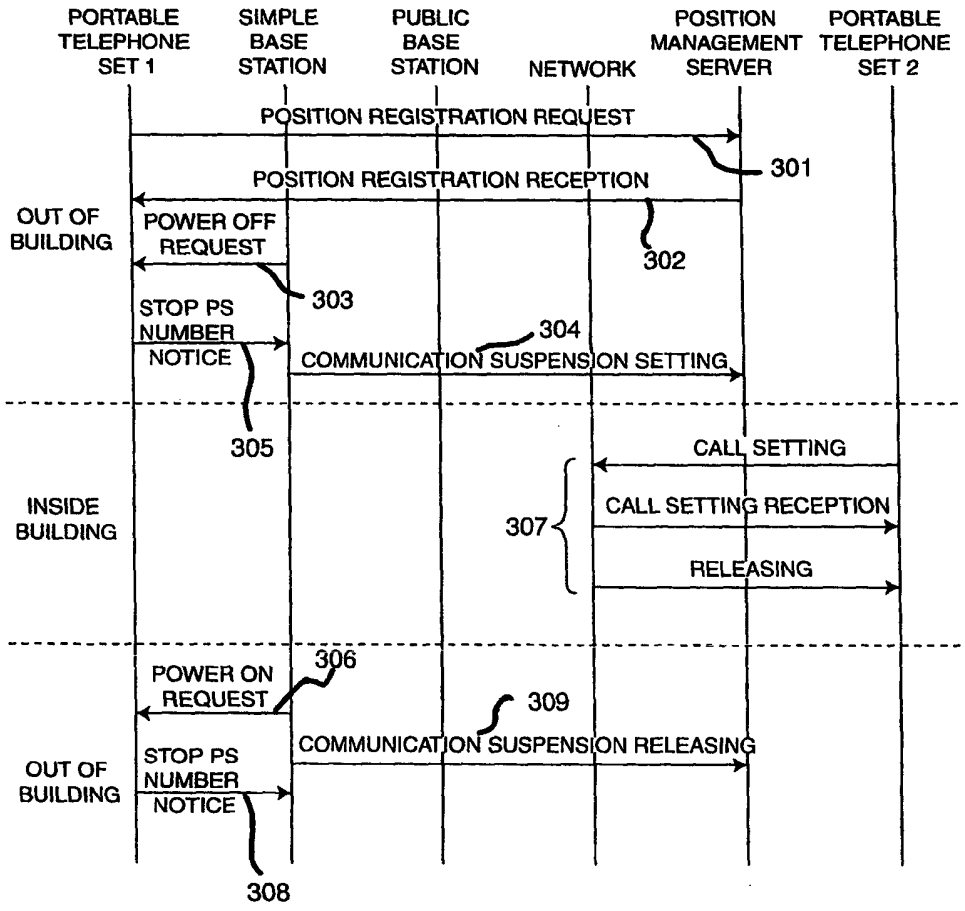

PORTABLE TELEPHONE SET 1
SIMPLE BASE STATION
PUBLIC BASE STATION
NETWORK
POSITION MANAGEMENT SERVER
PORTABLE TELEPHONE SET 2
POSITION REGISTRATION REQUEST
301
POSITION REGISTRATION RECEPTION
OUT OF BUILDING
POWER OFF REQUEST
302
303
STOP PS NUMBER NOTICE
304
COMMUNICATION SUSPENSION SETTING
305
CALL SETTING
INSIDE BUILDING
307
CALL SETTING RECEPTION
RELEASING
306
POWER ON REQUEST
309
COMMUNICATION SUSPENSION RELEASING
OUT OF BUILDING
STOP PS NUMBER NOTICE
308

FIG.4

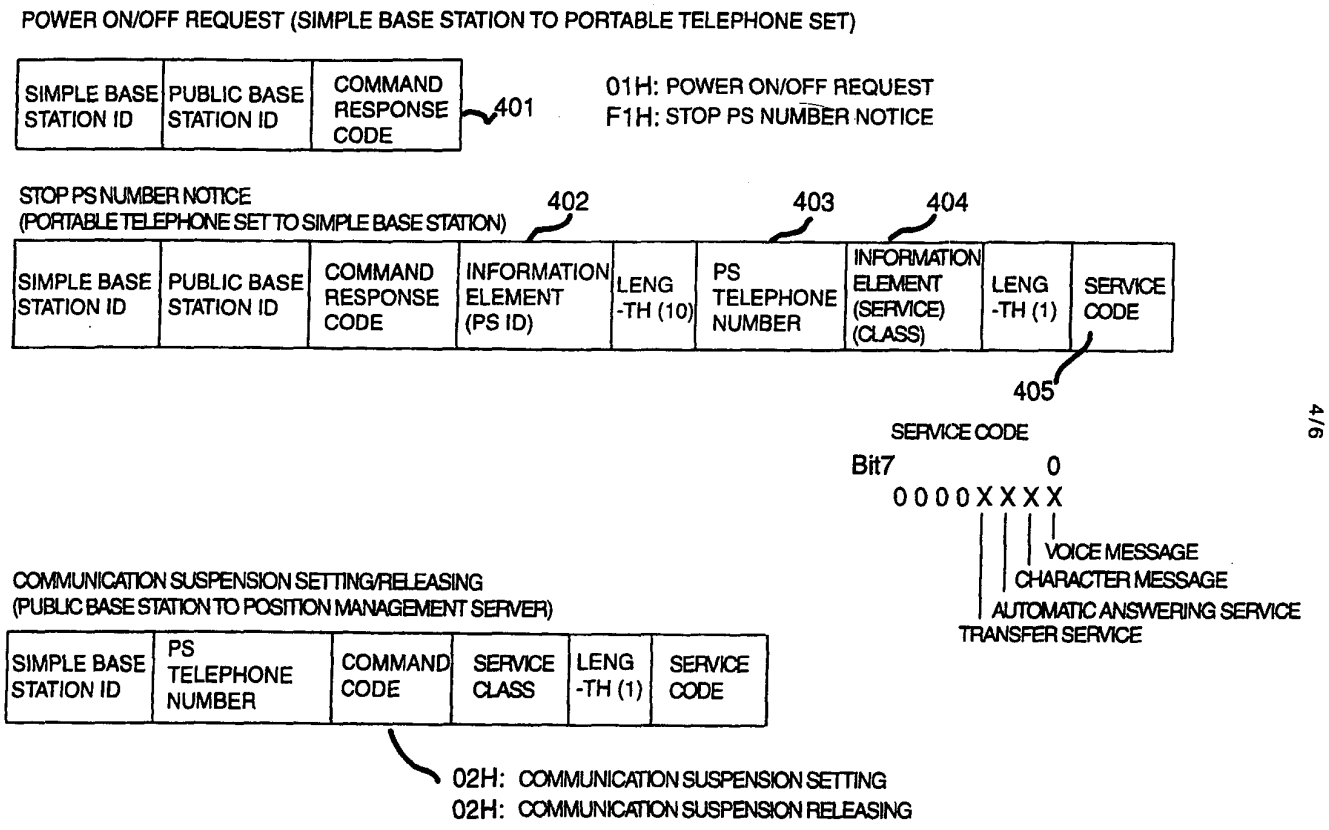

POWER ON/OFF REQUEST (SIMPLE BASE STATION TO PORTABLE TELEPHONE SET)
SIMPLE BASE STATION ID
PUBLIC BASE STATION ID
COMMAND RESPONSE CODE
401
01H: POWER ON/OFF REQUEST
F1H: STOP PS NUMBER NOTICE
STOP PS NUMBER NOTICE
(PORTABLE TELEPHONE SET TO SIMPLE BASE STATION)
402
403
404
SIMPLE BASE STATION ID
PUBLIC BASE STATION ID
COMMAND RESPONSE CODE
INFORMATION ELEMENT (PS ID)
LENG -TH (10)
PS TELEPHONE NUMBER
INFORMATION ELEMENT (SERVICE) (CLASS)
LENG -TH (1)
SERVICE CODE
405
SERVICE CODE
Bit7
0
0 0 0 0 X X X X
VOICE MESSAGE
CHARACTER MESSAGE
AUTOMATIC ANSWERING SERVICE
TRANSFER SERVICE
COMMUNICATION SUSPENSION SETTING/RELEASING
(PUBLIC BASE STATION TO POSITION MANAGEMENT SERVER)
SIMPLE BASE STATION ID
PS TELEPHONE NUMBER
COMMAND CODE
SERVICE CLASS
LENG -TH (1)
SERVICE CODE
02H: COMMUNICATION SUSPENSION SETTING
02H: COMMUNICATION SUSPENSION RELEASING

FIG.5
PRIOR ART

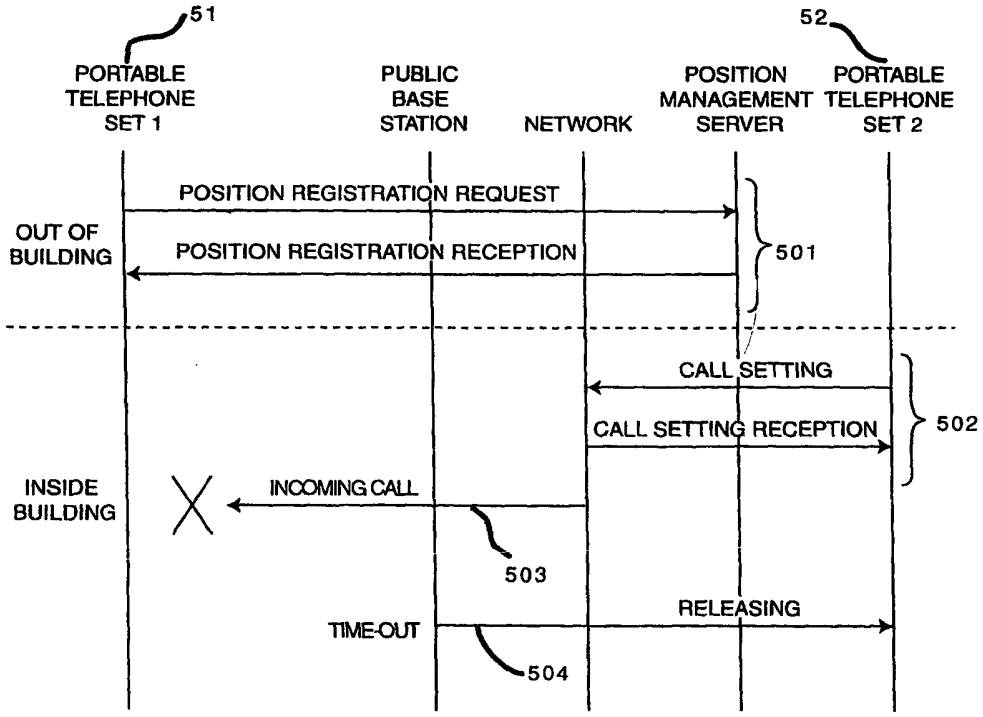
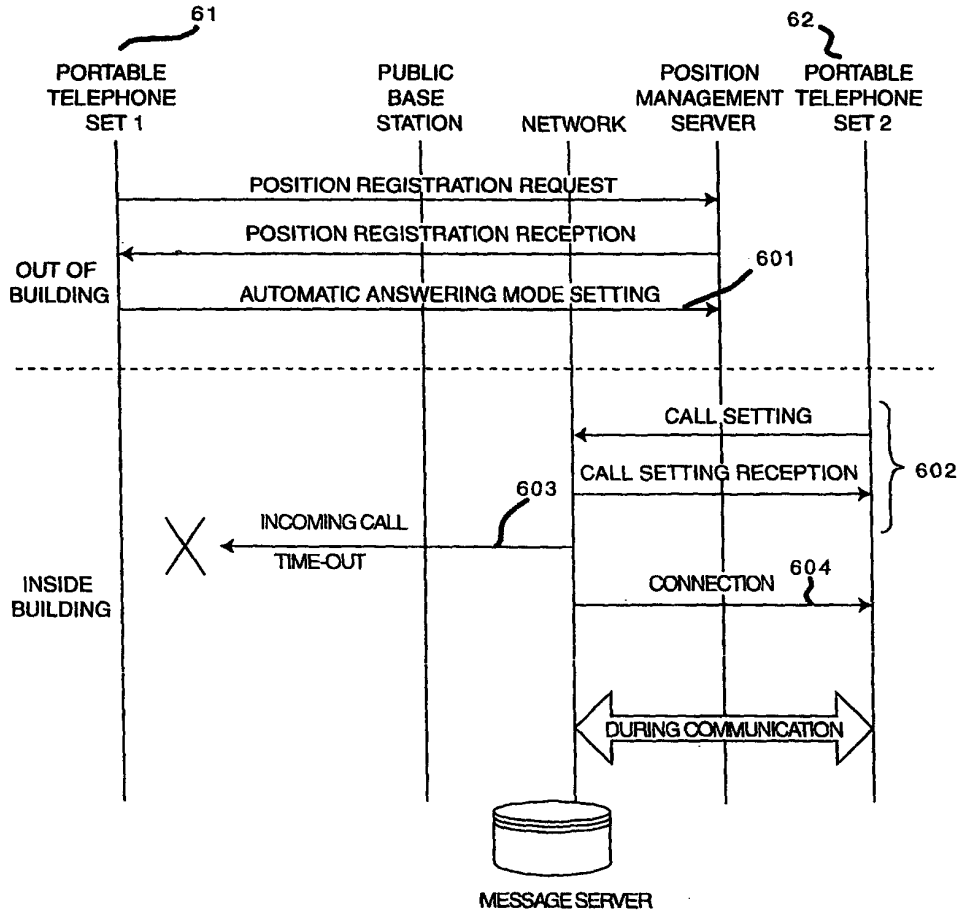



FIG.6
PRIOR ART